

FORM PTO-1390 (Modified)
(REV 11-98)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

P-362.102

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO.
PCT/IB99/00844INTERNATIONAL FILING DATE
27 April 1999U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR
09/674183PRIORITY DATE CLAIMED
27 April 1998TITLE OF INVENTION
POLYEPITOPE CARRIER PROTEIN

#3

APPLICANT(S) FOR DO/EO/US

Rino RAPPOLI, Guido GRANDI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

4. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
 - a. is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. has been transmitted by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. A copy of the International Search Report (PCT/ISA/210).
8. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
9. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
11. A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 13 to 20 below concern document(s) or information included:

13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. A **FIRST** preliminary amendment.
16. A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. A substitute specification.
18. A change of power of attorney and/or address letter.
19. Certificate of Mailing by Express Mail
20. Other items or information:

| | | |
|---|---|---|
| U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 09/674183 | INTERNATIONAL APPLICATION NO. PCT/IB99/00844 | ATTORNEY'S DOCKET NUMBER PP00362.102 |
|---|---|---|

21. The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5) :

| | |
|---|----------|
| <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2) paid to USPTO and International Search Report not prepared by the EPO or JPO | \$970.00 |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO | \$840.00 |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO | \$690.00 |
| <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) | \$670.00 |
| <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) | \$96.00 |

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$0.00

Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30

\$0.00

| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | |
|--|--------------|--------------|--------------------------|---|
| Total claims | - 20 = | 0 | x \$18.00 | \$0.00 |
| Independent claims | - 3 = | 0 | x \$78.00 | \$0.00 |
| Multiple Dependent Claims (check if applicable). | | | <input type="checkbox"/> | \$0.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$0.00 |
| Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable). <input type="checkbox"/> | | | | \$0.00 |
| SUBTOTAL = | | | | \$0.00 |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). + | | | | \$0.00 |
| TOTAL NATIONAL FEE = | | | | \$0.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input checked="" type="checkbox"/> | | | | \$40.00 |
| TOTAL FEES ENCLOSED = | | | | \$40.00 |
| | | | | Amount to be: refunded \$ |
| | | | | charged \$ |

A check in the amount of \$40.00

to cover the above fees is enclosed.

Please charge my Deposit Account No.

in the amount of

to cover the above fees.

A duplicate copy of this sheet is enclosed.

The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 03-1664 A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Alisa A. Harbin
CHIRON CORPORATION
Intellectual Property -R338
PO Box 8097
Emeryville, California 94662-8097
US

SIGNATURE

Alisa A. Harbin

NAME

33,895

REGISTRATION NUMBER

DATE

PATENT
PP00362.102

**PATENT COOPERATION TREATY
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

International Application No. PCT/IB99/00844 International Filing Date 27 April 1999 Priority Date Claimed 27 April 1998

Title of Invention
POLYPEPTIDE CARRIER PROTEIN

Applicants for DO/EO/US:
Rino RAPPOLI and Guido GRANDI

CERTIFICATE OF MAILING BY EXPRESS MAIL

Box PCT
Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

Express Mail Mailing Label No.: EL353112894US

Date of Deposit: 14 November 2000

I hereby certify that the attached Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C.371, Declaration for Patent Application, Assignment, Check No. 7425 the amount \$40.00 and Postal Receipt Card are being deposited with the United Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R.1.10 on the date indicated above and addressed to the Assistant Commissioner of Patents, Box PCT, Washington, D.C. 20231.

Date: 14 November 2000

Melodi K. Dice
Melodi K. Dice

CHIRON CORPORATION
4560 Horton Street
Emeryville, California 94608
United States of America